

[0030] Various modifications can be made to the present invention without departing from the apparent scope thereof.

IT IS CLAIMED:

1. A wide angle arrowhead including suitable structure for mounting of a plurality of blades to a mounting fixture and suitable structure for mounting of the wide angle arrowhead to the forward portion of an arrow, comprising:

- 5 a. a fixture of one-piece construction including a chisel point;
- b. a rearward facing circular recess for capture of the forward portion of one or more cutting blades;
- c. a first shaft portion extending from the circular
10 recess against which the base edge at the lower portion of each blade aligns;
- d. an annular and slotted beveled ring juxtaposing the first shaft portion, the slots of which accommodate the base edges at the lower portions of the arrow
15 blades;
- e. a second and larger slotted shaft portion, the slots of which are extensions of the slots in the annular and slotted beveled ring and which also accommodate the base edges at the lower portions of the arrow
20 blades; and,
- f. a threaded shaft portion extending from the larger slotted shaft portion which is utilized to mount the mounting fixture and arrow blades, i.e., the entire
25 wide angle arrowhead, to the arrow shaft, whereby each blade includes a blade capture protrusion at the rearwardly located trailing edge which is captured by a mounting ferrule and the blades are formed to have minimum structure and reduced drag surfaces and to have a low ratio of blade cutting
30 edge length to blade trailing edge length where the interior angle between the blade cutting edge of the

blades is at a relatively wide angle with respect to the centerline or longitudinal axis of the arrow shaft.